

Model Number 112A05	CHARGE OUTPUT PRESSURE SENSOR			Revision H ECN #: 29520										
Performance Sensitivity (-10 to +25 %) Measurement Range Maximum Pressure (static) Resolution Resonant Frequency Rise Time (Reflected) Non-Linearity	ENGLISH	SI	[1] [2]	Optional Versions (Optional versions have identical specifications and accessories as listed for standard model except where noted below. More than one option maybe used.) E - Emralon coating Coating Electrical Isolation (Case) Supplied Accessory: Model 065A08 Isolation ring, 0.250" OD x 0.218" ID x 0.027" thk, anodized aluminum Supplied Accessory: Model 065A22 Isolation Seal, .250" OD x .218" ID x .015", Torlon or Vespel P - Positive Output Polarity W - Water Resistant Cable [3] Supplied Accessory: Model 060A03 Clamp nut, 5/16-24-2A thd, 1/4" hex, stainless steel (for Series 111, 112 and 113) WM - Water Resistant Cable [3] Supplied Accessory: Model 060A05 Clamp nut, M7 x 0.75-6G thd (for Series M111, M112 and M113) Notes [1] Resolution dependent on range setting and cable length used in charge system. [2] Zero-based, least-squares, straight line method. [3] Clamp nut installed prior to cable attachment Supplied Accessories 060A03 Clamp nut, 5/16-24-2A thd, 1/4" hex, stainless steel (1) 060A05 Clamp nut M7 x 0.75-6g thd (1) 065A02 Seal ring, sensor flush mount, 0.248" OD x 0.219" ID x 0.015" thk, brass (3) 065A05 Seal sleeve sensor recess mount 0.248" OD x 0.221" ID x 0.240" thk 17-7 (1)										
	1.1 pC/psi 5 kpsi 10 kpsi 4 mpsi ≥200 kHz ≤2.0 μ sec ≤1.0 % FS	0.160 pC/kPa 34475 kPa 68950 kPa 0.028 kPa ≥200 kHz ≤2.0 μ sec ≤1.0 % FS												
Environmental Acceleration Sensitivity Temperature Range (Operating) Temperature Coefficient of Sensitivity Maximum Flash Temperature Maximum Shock	≤0.003 psi/g -400 to +600 °F ≤0.03 %/°F 3000 °F 10000 g pk	≤0.0021 kPa/(m/s²) -240 to +316 °C ≤0.054 %/°C 1649 °C 98070 m/s² pk												
Electrical Output Polarity (Positive Pressure) Capacitance Insulation Resistance (at room temp)	Negative 18 pF ≥10 ¹² Ohm	Negative 18 pF ≥10 ¹² Ohm												
Physical Sensing Element Sensing Geometry Housing Material Diaphragm Sealing Electrical Connector Weight	Quartz Compression 17-4 Stainless Steel 316L Stainless Steel Welded Hermetic 10-32 Coaxial Jack 0.212 oz	Quartz Compression 17-4 Stainless Steel 316L Stainless Steel Welded Hermetic 10-32 Coaxial Jack 6.0 gm												
All specifications are at room temperature unless otherwise specified. In the interest of constant product improvement, we reserve the right to change specifications without notice. ICP® is a registered trademark of PCB group, Inc.														
<table border="1"> <tr> <td>Entered: BLS</td><td>Engineer: NJL</td><td>Sales: RWM</td><td>Approved: RPF</td><td>Spec Number:</td></tr> <tr> <td>Date: 10/17/2008</td><td>Date: 10/02/2008</td><td>Date: 10/03/2008</td><td>Date: 10/02/2008</td><td>7304</td></tr> </table>  3425 Walden Avenue Depew, NY 14043 UNITED STATES Phone: 800-828-8840 Fax: 716-684-0987 E-mail: info@pcb.com Web site: www.pcb.com					Entered: BLS	Engineer: NJL	Sales: RWM	Approved: RPF	Spec Number:	Date: 10/17/2008	Date: 10/02/2008	Date: 10/03/2008	Date: 10/02/2008	7304
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